

Other: Dynamic Aviation B200 T 09/12/17

Aircraft: Other: Dynamic Aviation B200 T - 17M048

Flight Number: OIBSM17-SciF11

Payload Configuration: OIB-LVISF2017

Nav Data Collected: No

Total Flight Time: 5.1 hours

Submitted by: J. Bryan Blair on 10/04/17

Flight Segments:

From:	BGBW	To:	BGSF
Start:	09/12/17 16:37 Z	Finish:	09/12/17 21:45 Z
Flight Time:	5.1 hours		
Log Number:	17M048	PI:	Nathan Kurtz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	17M048
Flight Hours Approved in SOFRS	123
Total Used	128.5
Total Remaining	-5.5

17M048 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/16/17	OIBSM17-TF01	Check	2.1	2.1	120.9	
08/17/17	OIBSM17-TF02	Check	4	6.1	116.9	
08/19/17	OIBSM17-TF03	Check	2.6	8.7	114.3	
08/21/17	OIBSM17-TF04	Check	2.4	11.1	111.9	
08/21/17	OIBSM17-TF04	Check	1.7	12.8	110.2	
08/22/17	OIBSM17-FF01	Ferry	2.2	15	108	
08/22/17	OIBSM17-FF01	Ferry	3.1	18.1	104.9	
08/23/17	OIBSM17-FF02	Ferry	4	22.1	100.9	
08/24/17	OIBSM17-FF03	Ferry	3.6	25.7	97.3	
08/25/17	OIBSM17-SciF01	Science	5.3	31	92	
08/29/17	OIBSM17-SciF02	Science	7	38	85	
08/30/17	OIBSM17-SciF03	Science	5.5	43.5	79.5	
09/01/17	OIBSM17-SciF04	Science	4	47.5	75.5	
09/02/17	OIBSM17-SciF05	Science	5.6	53.1	69.9	
09/04/17	OIBSM17-SciF06	Science	7.7	60.8	62.2	
09/05/17	OIBSM17-SciF07	Science	7.3	68.1	54.9	
09/06/17	OIBSM17-SciF08	Science	4.2	72.3	50.7	
09/09/17	OIBSM17-SciF09	Science	6.5	78.8	44.2	
09/12/17	OIBSM17-SciF10	Science	5.9	84.7	38.3	

09/12/17	OIBSM17-SciF11	Science	5.1	89.8	33.2
09/13/17	OIBSM17-SciF12	Science	6	95.8	27.2
09/18/17	OIBSM17-SciF13	Science	4.4	100.2	22.8
09/19/17	OIBSM17-SciF14	Science	6.6	106.8	16.2
09/20/17	OIBSM17-SciF15	Science	6.5	113.3	9.7
09/21/17	OIBSM17-FF04	Ferry	4.1	117.4	5.6
09/22/17	OIBSM17-FF05	Ferry	4	121.4	1.6
09/22/17	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
09/22/17	OIBSM17-FF05	Ferry	1	124.5	-1.5
10/05/17	OIBSM17-TF05	Check	4	128.5	-5.5

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Related Science Report:

OIB 2017 - Other: 09/12/17 Science Report

Mission: OIB 2017

Mission Summary:



Hi everyone

After a weather down day yesterday, today we completed two 5.5 hour sorties over southern Greenland with a refuel in Narsarsuaq. Conditions were excellent today with clear skies across the region. The flights covered 3 grid lines south and inland of Nuuk plus 5 Icesat lines across southern Greenland. The outbound leg was flown at 28,000' as filed. The return was also filed for 28,000' but after finding more favorable winds at the initial altitude of 19,000', that's where we decided to stay for the rest of the flight: going to 28,000' for the survey would have meant cutting lines short or exceeding our 12 hour extended opening of Kangerlussuaq. Both LVIS and the camera operated normally. A map of today's lines is attached below. Colored lines indicated data coverage so far. Blue lines indicate lines flown today.

After an extended crew rest tonight, we plan to take off slightly later tomorrow for lines in eastern Greenland.

Thanks all,
Michelle

File:

-  [lvis_toNar_912.pdf](#)
-  [lvis_fromNar_912.pdf](#)

Submitted by: J. Bryan Blair on 10/05/17

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